

Amendment and Response

Applicant: Manfred Ruehrig et al.

Serial No.: 10/509,553

Filed: May 17, 2005

Docket No.: 1433.125.101/13.305

Title: MRAM MEMORY CELL WITH A REFERENCE LAYER AND METHOD FOR FABRICATING

REMARKS

The following remarks are made in response to the Final Office Action mailed September 7, 2006, the Advisory Action mailed November 28, 2006 and in support of the concurrently filed Request for Continued Examination. With this Response, claim 10 has been amended and claim 15 has been cancelled. Claims 18-29 have been withdrawn from consideration. Claims 10-17 were rejected and claims 10-14, 16, and 17 remain pending in the application, and are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 102

The Examiner rejected claim 10 under 35 U.S.C. § 102(b) as being anticipated by the Anthony et al. U.S. Patent No. 6,172,904. With this Response, claim 10 is amended to specify forming an artificial antiferromagnet from the first, second, and third layers. This is not taught or suggested in the art of record. Therefore, Applicants respectfully request reconsideration and withdrawal of the 35 U.S.C. § 102(b) rejection to claim 10, and request allowance of these claims.

CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 10-14, 16, and 17 are in form for allowance and are not taught or suggested by the cited references. Therefore, reconsideration and withdrawal of the rejections and allowance of claims 10-14, 16, and 17 are respectfully requested.

No fees are required under 37 C.F.R. 1.16(b)(c). However, if such fees are required, the Patent Office is hereby authorized to charge Deposit Account No. 50-0471.

The Examiner is invited to contact the Applicant's representative at the below-listed telephone numbers to facilitate prosecution of this application.

Any inquiry regarding this Amendment and Response should be directed to Paul P. Kempf at Telephone No. (612) 767-2502, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,

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